



KAISER ♦ HILL
COMPANY

MEMORANDUM

Date: August 27, 2001

To: Jan Robbins

From: Pam Arnold

Subject: WEEKLY STATUS MEETING DOE/LRA for August 27, 2001

Attached are the minutes for the referenced weekly meeting for the Operating Record.

In attendance were:

P. Arnold
T. Browdy
J. Floerke
D. Foss
L. Gregory-Frost
B. Gustafson
K. Kunert
J. Majestic
E. Pietsch
J. Tasset

There will be no meeting on September 3 due to the holiday.



1/p
DOCUMENT CLASSIFICATION
REVIEW WAIVER PER
CLASSIFICATION OFFICE

ADMIN RECORD
B371-A-000047

B371 CLOSURE PROJECT

WEEKLY STATUS MEETING

Every Monday, 9:00 a.m.

B371 Conference Room

August 27, 2001

AGENDA

INTRODUCTION — Pam Arnold, X6035, Pager 303-212-4835

D&D

Presenters — John Wrapp, X5883, Pager 303-212-6074/Joe Majestic, X7811, Pager 303-212-1958

- Liquids Draining
- Tank Deactivation
- Glovebox Deactivation
- CSV Deactivation
- Set 16 Deactivation
- Special Projects
- Cerium Nitrate
- MAA/PA Closure

Presenter — Barry Gustafson, X3292, Pager 303-212-5290

- Special Projects
- North Side Cleanup
- Remote Dismantlement Chamber
- Breathing Air
- Sets 7, 18, 24, 30 and 56 Status

ENVIRONMENTAL — Pam Arnold, X6035, Pager 303-212-4835

WASTE MANAGEMENT — Laurie Gregory-Frost, X3681, Pager 303-212-1980

AUTHORIZATION BASIS/BIO — John Almon x3217, Pager 303-212-3426

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D&D Summary (AAC)

Week Ending 8/24/01

Non-actinide Liquid Draining

KH Target Finish: 9/28/00

Current Early Finish: 10/13/01

SV: -243 days

- CWTS processing continued during the week of 8/20.
- Set 4B (1117) draining started and is 10% complete. Fixative application was successful. PAPR entries are being made. (1AQ31DR04B)
- Set 4A (1115/1103) draining will follow completion of Set 4B. (1AQ31DR04A)
- Set 2B (rebaselined Set 6) entry to complete hanging of tags, and IWCP completion are TBD to support higher priority work. (1AQ31DR02B)

Tanks

KH Target Finish: 9/24/03

Current Early Finish: 11/04/03

SV: -26 days

- Set 5 (3573, 8 tanks) Twenty-seven breathing air entries have been completed. Three tanks are complete and entry has been made into the fourth tank.
- Vacuum system prototype was demonstrated on 8/24. (1AC105ET00)
- Mockup of the drum/glovebag configuration on tank D-249 completed 8/22. Final equipment modifications were completed on 8/24. The work package change is started and the ALARA review has been drafted. The enclosed system will be used in Set 5.
- Sets 3 and 4 electrical isolations are complete.
- Sets 3 (3517) and 4 (3571) prerequisites for line isolation & raschig ring removal have started. (1AC103AT00)
- Set 4 and Set 5 cerium decon package & tank D&D ready packages are 95% complete, awaiting safety screens. (1AD105AH00) (1AD104AH00)
- Set 13 (2307/2317/2319) line isolation and raschig ring removal engineering/planning are complete. (1AC113AT00)
- Set 15 (2223) line isolation and raschig ring removal engineering/planning are 85% complete.

Gloveboxes

KH Target Finish: 7/30/03

Current Early Finish: 10/17/03

SV: -50 days

- Set 23 (3321/3323/3325) is 90% complete. Two transfer pumps contain free liquid. Engineering has completed for pump oil draining and work package development has started. (1AC123EG00).
- Set 24 (3408) is complete. High resolution GB scans have been performed.
- Set 7 (3305) is 95% complete. Draining of pumps is complete. All GB36 furnace gear reducers have been removed and scans are complete. Awaiting criticality evaluation for oil collection. (1AC107EG00)
- Set 14 (2325) is 30% complete. Thirteen glove changeouts were completed during the week of 8/20 to support gear reducer isolations and draining. (1AC114EG00)
- The SWP for initiation of GB deactivation work is drafted and out for review.

CSV

KH Target Finish: 2/13/03

Current Early Finish: 6/30/03

SV: -86 days

- The transfer tunnel was damaged during painting. An ECR is in progress to repair the tunnel prior to pressure testing. The GB 69 crate drop will be retested the week of 8/27. The tilt table has been delivered to the site. Fabrication of the I/O 8 mechanical system has started. Gripper redesign is in review. Permacon procurement has been cancelled. (IAC109AD01)
- Guillotine doors are operational.
- IWCP Planning Status:
 - I/O8 modification package will be out for signature approval on 8/27.
 - The need to finish the guillotine door switch relocation package is being evaluated. With the elimination of the Permacon, switches will not need to be moved if clearances are adequate.
 - GB 69 modification package is in final approval, awaiting the ECR for removal of the drill press base plate.
 - I/O 8 drain line installation package is 75% complete and ready for roundtable review.
- Permacon installation has been cancelled. (AC109AD00)

Special Projects

Cerium Nitrate

- CeN decontamination procedure safety screen will be completed following final review and approval of a supporting calculation.
- Internal management review to be performed prior to hot startup.

MAA/PA Closure

- The MAA/PA closure plan draft is 50% complete. (AC11PNM20)
- PRO 544 will provide a method for B771 to package D&D recovered fluorides and oxides for direct shipment to WIPP. A modification will be required to add several IDCs not currently covered by the procedure. B371 will have NDA capability until the middle of CY03. TRU Waste Programs agrees with the initial assessment and will be involved in the process.
- The metal chips and fines in oil in B707 continue to be the most difficult issue. Pu in oil was not considered in the B371 BIO. It may, however, not result in an USQ requiring DOE approval. Transportation of the metal chips and oil from B707 to B371 is not analyzed in the Site AB. A revision would be required.
- Identification of a program manager and disposition path for all orphan/rogue waste continues with the review of the IDC list. Unleached resins have no current disposition path. There are containers of the resin in B371 and B440. Although there are proposed disposition paths for most of the orphan waste materials, in many cases the disposition process is not established.
- SSTs will be parked behind B371 and loaded as classified parts are processed and packaged then shipped in one convoy per month. This activity will prevent collapsing the MAA/PA around a smaller area within the building boundaries.
- A decision on the disposition path for 50-79 wt % Pu material will extend either the PuSPS schedule or the residue schedule. If the material is slated for the residue program, the schedule finish could extend by a year. Blending of the material could generate 10,000 additional drums of waste and impact waste shipping schedules.

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D&D Summary (AAD)

Week Ending 8/24/01

Special Projects:

Work continues on three special projects in support of D&D activities.

- "North Side Clean-up KH construction has mobilized material and equipment to begin demolition. Construction area fencing, drain line extensions, and the initial work on demolition of the cooling tower started last week. Pre-Demolition Surveys were commenced on Friday. We expect to have PDS survey packages transmitted for review the week of 9/03. Concurrent review by DOE and CDHPE is requested.
- The cooling tower electrical isolation was completed last week. The fire system isolation will be worked in concert with the demolition to minimize the length of time we have the tower in place without fire detection or suppression. Compensatory measures will be established as required by the fire protection engineering guidance.
- The fans, motors, shrouds and transite panels will be removed prior to isolation of the FP system.
- RDC (ITC) The specification and statement of work are being reviewed and will be submitted to the procurement department when approved. The procurement requisition will be reviewed again by PEQA and, after acceptance, will be issued to interested bidders in compliance with site's procurement procedures. Dates for the distribution are to be determined. (IAD11SRK10), (IAD11SRK20), (IAD11SRK30) Work to clear operating space for the RDC is proceeding in room 3801 (set 56) as components are available.
- IWCP work package for Breathing Air System upgrades are approved. Preliminary work, including conduit installation, pipe fabrication and core drilling, is on going. Pending acceptance of the breathing air outage schedule by Facility Management the BA system will be out of service for approximately 6 weeks. Detailed schedules with varying start dates were developed and are being considered by Facility Management. The window for the work must fit between BA requirements for RRR removal and the CSV modification.
- General: Planning and engineering on the next series of sets scheduled for D&D has started. The next sets on the schedule are: 3, 4, and 57. Details by set will be available as planning and engineering progresses and scope documents are prepared. Set 5 planning and engineering will begin when the tent used by the tank deactivation crew is removed.

Set 7: Rooms 3301, 3303, 3305

KH Target Finish: 10/01/02

Current Early Finish: 10/09/02

SV: -6 day

- Technical support planning and engineering continues for development of standard work packages to remove gloveboxes 36, 37, 38 and 75.
- Electrical and Mechanical Isolation Work Packages have been given to D&D production/operations for execution.
- The wooden-crated glove boxes were opened and are currently being analyzed for disposition. Options include in-situ size reduction, relocation to 3420 for size reduction or relocation to another building's ITC for size reduction.

Set 18: Rooms 3801, (north portion), 3805

KH Target Finish: 9/10/01

Current Early Finish: 3/27/02

SV: -124 days

- A Recovery Plan is in the process of development and will be implemented upon actual termination of operations. Preliminary efforts included a phased approach to isolate and remove equipment that is not required for facility operation. This includes tanks 816, 817, 818, 819 and associated equipment. (IAD118AD00) We are focusing management attention to the closure of tanks in the area to allow D&D to begin. We expect set 18 phase one to be released in early August and phase two in early January.

Set 24: Rooms 3402, 3404A, 3404, 3406, 3408

KH Target Finish: 9/25/01

Current Early Finish: 1/23/02

SV: -76 days

Partial schedule recovery will be realized when D&D of glovebox is commenced. Results of last weeks scans indicate we can expect all GBs will be dispositioned as SCO. (IAD124AD00)

- D&D crews have isolated and removed equipment declared OOC, available for disposition. (IAD124BD00)
- Loose equipment removal has progressed as far as possible until additional components are available. (IAD124AD00)
- Work Packages to remove the glove boxes are in the final signature process. (IAD124AD00)
- We reviewed and revised the schedule for decommissioning work based on current predicted start dates and work plans. Several days of negative schedule variance were removed by the logic changes. Additional negative variance will be removed as activities are worked in parallel, where it is safe to do.
- A second JET meeting was completed 8/13. A management startup assessment was the determination by the JET on the required type of readiness review. The MSA has been scoped, planned and will be performed when the assessment team is assembled.

Set 56: Room 3801, (south portion)

KH Target Finish: 9/10/01

Current Early Finish: 12/24/01

SV: -65 days

- Recovery plans are in process of development and will be implemented when tank deactivation is completed. D&D workers are supplementing the operations staff and assisting with draining of the remaining tanks. Draining, photographing and documentation of tanks is expected to be complete by late-August. D&D work will begin at that time.

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ENVIRONMENTAL STATUS
REGULATED UNITS

SET	AREA	RCRA UNIT DESCRIPTION	Unit #/Idle Equip. #	LOCATION	STATUS
4	N/A	Tanks: D133, D150, D151, D152A, D152B	MRT	3571	
		Ancillary Equipment: Evaporator-reboiler E-55, Evaporator Bottoms Cooler E-56, Condenser E-57, and Nitric Acid Feed Heat Exchanger E-62.	MRT	3571	
		Evaporator Bottoms Pump 31-18 P49A	IE: 0079	3571	
		Evaporator Bottoms Pump 31-18 P49B	IE: 0080	3571	
		Pumps 33 A&B, 34 A&B	IE: 0109	3571	
5	N/A	Tanks: D134A, D134B D134C, D135A, D135B, D289A, D289B, and D289C.	MRT	3573	
7	N/A	Container Storage - Room	371.1A	3301	
	N/A	Mixed Residue Tank - Ancillary Equipment only	N/A	3303	
	N/A	Container Storage - Room	371.1A	3305	
	N/A	Pumps: P171, P172, P173, P174, P175, P176, P177, P178, P179, P180	3710122	3305	
	N/A	Mixed Residue Tank - Ancillary Equipment only	N/A	3305	
		Pumps: P171 through P180 (10 pumps)	IE: 0122	3305	
	N/A	Container Storage - Room	371.1A	3315	
	N/A	GB Storage - GB#32	371.1B	3315	
14	N/A	Container Storage - Room	371.1A	2325	
18	N/A	Tanks: D816, D817, D818, D819, D820, D821, D822, D823, D826A, D826B, D826C.	374.3	3801	Tanks D883A/B have been declared RCRA Stable and transferred to D&D
	N/A	See Set 19 also			
	N/A	Tanks: D827, D830, D832, D834, D876, D879, T802, T803, T804, T805.	374.3	3810/4814	

ENVIRONMENTAL STATUS
REGULATED UNITS

SET	AREA	RCRA UNIT DESCRIPTION	Unit #/Idle Equip. #	LOCATION	STATUS
19	N/A	Tanks: D802A, B, C, D804A, B, C, D, D811A, B, D843, D852, D875, D847, D851.	374.3	2804	
18/19	N/A	Tanks: D806, D807A & B, D808, D843, D942.	374.3	2804/3801	
19		Tanks: D801A, B, & C, D826C, D878, D883A & B, D884,	374.3	2804/3801/ 3803/3805/ 3809/3810/ 4802/4812	
19		Spray Chamber W803, Spray Dryer Baghouse FL803	374.3	2804/3801/ 3803/3805/ 3809/3810/ 4802/4812	
19/21		Tanks: D824A & B, DD825 A & B, D844 A & B, D848	374.3	2804/3801/ 3803/3805/ 4805/4807	
		Drum Filter Basins: FL802A & B, Sludge Dryer: W801, Dry Sludge Hopper: H3, Dry Sludge Conveyors: CV813A & B	374.3	2804/3801/ 3803/3805/ 4805/4807	
		See Set 21 also			
24	N/A	GB Storage - GB's 72B and 72C	371.1B	3408	
	N/A	Mixed Residue Tank - Ancillary Equipment	N/A	3408	
56	N/A	Tanks: D806 and D807A/B, 808, 812, 813, 814, 815, Polishing Filter FL831	374.3	3801	Tanks D807A/B, D808, D813, D814, D815, and D816 have been declared RCRA Stable and transferred to D&D.
	N/A	GB Storage - GB's 107 and 113	374.3	3801	
58	N/A	Tanks: D825A, D825B, D844A, D844B, D848	374.3	3803/4805/ 4807	Tanks: 825A, D825B, D844A, D844B, D848 have been declared RCRA Stable and transferred to D&D.
	N/A	Ancillary Equipment: FL802A, FL802B, W801, H3, CV813A, CB813B, CV808, CV812, CV813A/B, CV816, W801, H3, FL802A/B, T807, E804A/B/C, E817A/B, P806A/B, P815A/B, P816A/B, P862A/B.	374.3	3803/4805/ 4807	
	N/A	GB Treatment: GB's 115 AB, 116AB, 117AB, 118 AB.	374.3	3803/4805/ 4807	

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Waste Management Summary

Status for Week Ending 08-24-01

- **The DRAFT Management Requirements for Remediation Waste, 371/374 Closure Project procedure:** Working on resolution of CDPHE comments.
- **Remediation Waste Training:** Continuing development of formal training based on the remediation waste procedure.

Basis for Interim Operations (BIO)

Week Ending 8/24/01

BIO Revision 5, Annual Update

- Approval received from DOE RFFO July 17, 2001.
- Document has been issued, effective August 13, 2001.
- Implementation is complete.

BIO Page Change to Support Dismantlement Activities

- Page change approved.

PuSPS Page Change

- Expect to be submitted to DOE week of August 27.

10/10